

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Masayuki HOSHINO, et al.

Application No.: New PCT National Stage Application

Filed: August 10, 2006

For: COMMUNICATION DEVICE AND COMMUNICATION
METHOD

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

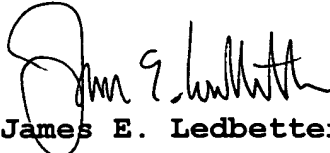
Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449. Copies of the art cited in the International Search Report (ISR), which issued by the JPO, are made available to the U.S. examiner in the national stage application, pursuant to MPEP 1893.03(g), and therefore copies of such art are not submitted herewith. The art cited in the ISR is listed on the attached PTO-1449 for an indication of consideration by the examiner. Copies of any other references listed on the PTO-1449, besides those cited in the ISR, are submitted herewith.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir.

1970). Also see Patent Office Rules 104 and 106. Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



James E. Ledbetter
Registration No. 28,732

Date: August 10, 2006

JEL/spp

ATTORNEY DOCKET NO. L9289.06181

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.
1615 L STREET, NW, Suite 850
WASHINGTON, DC 20043-4387
Telephone: (202) 785-0100
Facsimile: (202) 408-5200

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

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SHEET 1 OF 1

L9289.06181

New PCT Nat'l Stage
Application

APPLICANT

Masayuki HOSHINO, et al.

FILING DATE

August 10, 2006

GROUP

Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
2003 3 1 8 8 5 3	01/2003	JP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PCT International Search Report dated May 25, 2004.

Y. HARA, et al.; "Sojushin Beam Keisei o Mochiiru MIMO system no Weight Seigyoho," The Institute of Electronics, Information and Communication Engineers Gijutsu Kenkyu Hokoku, Aug. 23, 2002, vol. 102, no. 282, pp. 33-40; RCS 2002-152.

S. IHI, et al.; "Soshin Denryoku Seigyo o Tekiyo shita MIMO Tekio Hencho ni Kansuru Kento," 2003 Nen The Institute of Electronics, Information and Communication Engineers Sogo Taikai Koen Ronbunshu, Mar. 3, 2003, pg. 621, B-5-162.

JIKEI, et al.; "Saiteki Denryoku Haibun o Okonau Soshin Antena Sentakugata MIMO Channel Denso Hoshiki," 2003 Nen The Institute of Electronics, Information and Communication Engineers Sogo Taikai Koen Ronbunshu, Mar. 3, 2003, pg. 622, B-5-163.

Kenji SUDO, et al.; "MIMO System ni Okeru throughput Saidaka Soshin Seigyoho," The Institute of Electronics, Information and Communication Engineers Gijutsu Kenkyu Hokoku, Nov. 14, 2003, vol. 103, no. 460, pp. 133-138, RCS 2003-209.

J. CHUNG, et al.; "A Random Beamforming Technique in MIMO Systems Exploiting Multiuser Diversity," IEEE Journal on Selected areas in communications, vol. 21, no. 5, June 2003, pp. 848-855.

M. STEGE, et al.; "Multistratum-Permutation Codes for MIMO Communication," IEEE Journal on selected areas in communications, vol. 21, no. 5, June 2003, pp. 774-782.

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.